

WHAT IS CLAIMED IS:

1. A method for remotely controlling vehicle functions, the method
5 comprising:
 - receiving a call signal at a telematics unit from a remote
communication device, the call signal including an automatic number
identification;
 - determining whether the automatic number identification
10 corresponds to a services authorized number;
 - sending a services selection message based on the determination;
 - monitoring for a user response signal to the services selection
message; and
 - sending a vehicle function command signal based on the user
15 response signal.
2. The method of claim 1 wherein determining whether the automatic
identification corresponds to a services authorized number comprises:
 - reading the automatic number identification of the received call
20 signal;
 - reading an automatic number identification table, the table
comprising one or more services authorized numbers; and
 - comparing the automatic number identification of the received call
signal to the service authorized numbers in the automatic number identification
25 table.

3. The method of claim 2 wherein comparing the automatic number identification of the received call signal to the service authorized numbers in the automatic number identification table comprises:

- 5 determining if the automatic number identification of the received call signal matches at least one services authorized number in the automatic number identification table; and
- connecting the call signal based on the determination.

10 4. The method of claim 1 wherein sending the services selection message comprises:

 sending an electronic message, the electronic message comprising a selection list, the selection list comprising one or more vehicle functions for control.

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5. The method of claim 1 wherein monitoring for a user response signal to the services selection message comprises:

 receiving an electronic signal corresponding to a selected vehicle function.

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6. The method of claim 1 wherein monitoring for a user response signal to the services selection message comprises:

 receiving a user utterance corresponding to a selected vehicle function.

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7. The method of claim 1 wherein sending a vehicle function command comprises:

- 5 determining a selected vehicle function based on a received user response signal;
- determining a vehicle function command corresponding to the selected vehicle function; and
- routing the vehicle function command to a control entity for the selected vehicle function.

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8. A computer usable medium including computer program code for remotely controlling vehicle functions, the computer usable medium comprising:

- 15 computer program code for receiving a call signal at a telematics unit from a remote communication device, the call signal including an automatic number identification;
- computer program code for determining whether the automatic number identification corresponds to a services authorized number;
- computer program code for sending a services selection message based on the determination;
- 20 computer program code for monitoring for a user response signal to the services selection message; and
- computer program code for sending a vehicle function command signal based on the user response signal.

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9. The computer usable medium of claim 8 wherein the computer program code for determining whether the automatic identification corresponds to a services authorized number comprises:

5 computer program code for reading the automatic number identification of the received call signal;

computer program code for reading an automatic number identification table, the table comprising one or more services authorized numbers; and

10 computer program code for comparing the automatic number identification of the received call signal to the service authorized numbers in the automatic number identification table.

10. The computer usable medium of claim 9 wherein the computer program code for comparing the automatic number identification of the received call signal to the service authorized numbers in the automatic number identification table comprises:

15 computer program code for determining if the automatic number identification of the received call signal matches at least one services authorized number in the automatic number identification table; and

20 computer program code for connecting the call signal based on the determination.

11. The computer usable medium of claim 8 wherein the computer program code for sending the services selection message comprises:

25 computer program code for sending an electronic message, the electronic message comprising a selection list, the selection list comprising one or more vehicle functions for control.

12. The computer usable medium of claim 8 wherein the computer program code for monitoring for a user response signal to the services selection message comprises:

5 computer program code for receiving an electronic signal corresponding to a selected vehicle function.

13. The computer usable medium of claim 8 wherein the computer program code for monitoring for a user response signal to the services selection message comprises:

10 computer program code for receiving a user utterance corresponding to a selected vehicle function.

14. The computer usable medium of claim 8 wherein the computer program code for sending a vehicle function command comprises:

15 computer program code for determining a selected vehicle function based on a received user response signal;

computer program code for determining a vehicle function command corresponding to the selected vehicle function; and

20 computer program code for routing the vehicle function command to a control entity for the selected vehicle function.

15. A system for remotely controlling vehicle functions, the system comprising:

means for receiving a call signal at a telematics unit from a remote communication device, the call signal including an automatic number identification;

means for determining whether the automatic number identification corresponds to a services authorized number;

means for sending a services selection message based on the determination;

means for monitoring for a user response signal to the services selection message; and

means for sending a vehicle function command signal based on the user response signal.

16. The system of claim 15 wherein means for determining whether the automatic identification corresponds to a services authorized number comprises:

means for reading the automatic number identification of the received call signal;

means for reading an automatic number identification table, the table comprising one or more services authorized numbers; and

means for comparing the automatic number identification of the received call signal to the service authorized numbers in the automatic number identification table.

17. The system of claim 16 wherein means for comparing the automatic number identification of the received call signal to the service authorized numbers in the automatic number identification table comprises:

- 5 means for determining if the automatic number identification of the received call signal matches at least one services authorized number in the automatic number identification table; and
- means for connecting the call signal based on the determination.

10 18. The system of claim 15 wherein means for monitoring for a user response signal to the services selection message comprises:

 means for receiving an electronic signal corresponding to a selected vehicle function.

15 19. The system of claim 15 wherein means for monitoring for a user response signal to the services selection message comprises:

 means for receiving a user utterance corresponding to a selected vehicle function.

20 20. The system of claim 15 wherein means for sending a vehicle function command comprises:

 means for determining a selected vehicle function based on a received user response signal;

 means for determining a vehicle function command corresponding

25 to the selected vehicle function; and

 means for routing the vehicle function command to a control entity for the selected vehicle function.